

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/008504

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ F16C33/20, F16H53/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ F16C33/20, F16H53/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X Y | JP 2002-295471 A (NTN Corp.), 09 October, 2002 (09.10.02), Par. Nos. [0007] to [0010], [0014] (Family: none) | 1, 8 2-7, 9, 10 |
| Y | JP 2002-364647 A (NTN Corp.), 18 December, 2002 (18.12.02), Par. Nos. [0015], [0016], [0024] to [0028] (Family: none) | 2-7, 9 |
| Y | JP 11-131198 A (Daido Steel Co., Ltd.), 18 May, 1999 (18.05.99), Par. No. [0032] (Family: none) | 2 |

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"E" earlier application or patent but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search
12 October, 2004 (12.10.04)Date of mailing of the international search report
26 October, 2004 (26.10.04)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| Y | JP 9-78522 A (Howa Machinery, Ltd.), 25 March, 1997 (25.03.97), Par. No. [0007] (Family: none) | 10 |